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ATTACHMENT TO A PATENT APPLICATION

Docket No.: 2821-162

ENTITLED: METHOD AND APPARATUS FOR COATING CONTAINER
BODIES INTERNALLY

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INCLUDING:

Specification, Claims, Abstract; Declaration & POA,
Preliminary Amendment, Assignment and PTO Form
1595, Swiss Priority Document No. 01 379/95-0 dated
May 12, 1995; (1) sheet of formal drawings and
Check \$790.00.

File No. 2821-162; Appl. No. 08/629,974;
METHOD FOR COATING CONTAINER BODIES INTERNALLY

1. Method for coating container bodies internally with a powder material as they emerge in succession from a welding machine, comprising the steps of:

feeding the powder material from a welding machine end of a spray apparatus;

spraying the powder material inside each container body more or less uniformly onto its internal wall over its entire circumference;

extracting excess sprayed powder material from inside each of the container bodies;

returning the excess sprayed powder back through the welding machine; and

reducing the gap between successive container bodies in the region of the spray apparatus.

2. Method of claim 1, wherein the step of spraying further comprising spraying the powder material inside the container body more or less uniformly using a rotating spray element.

3. Method according to claim 1, wherein the step of spraying further comprises spraying the powder material inside each container body from downstream of the extraction zone in the container body conveying direction.

4. Method according to claim 1, wherein the step of spraying further comprises spraying the powder material inside each container body from upstream of the extraction zone in the container body conveying direction.